

Adventures in Aeronautics			
2007 Mathematics			
Learning Results: Parameters for Essential Instruction			
Maine Mathematics			
Grade 3			
Activity/Lesson	State	Standards	
Adventures in Aeronautics	ME	MA.3.A.1.c	Compare and order numbers with up to four digits.
Adventures in Aeronautics	ME	MA.3.A.3.a	Multiply single-digit numbers and divide using single-digit divisors and up to two-digit dividends (division facts only, but remainders may be present).
Adventures in Aeronautics	ME	MA.3.A.3.c	Recognize and use models for multiplication and division situations.
Adventures in Aeronautics	ME	MA.3.A.3.d	Use multiple strategies for multiplication and division.
Adventures in Aeronautics	ME	MA.3.A.4.c	Compare and order fractions with like numerators or with like denominators.
Adventures in Aeronautics	ME	MA.3.D.3.a	Use the inverse relationships between addition and subtraction and between multiplication and division and the commutative laws of multiplication and addition to solve problems.
Adventures in Aeronautics	ME	MA.3.D.3.b	Be able to show that for whole numbers subtraction and division are not commutative and show that multiplication and addition are commutative.
Adventures in Aeronautics			
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Maine Mathematics			
Grade 4			
Activity/Lesson	State	Standards	
Adventures in Aeronautics	ME	MA.4.A.1.c	Compare and order numbers with up to five digits.
Adventures in Aeronautics	ME	MA.4.A.3.a	Multiply up to four-digit numbers by a single-digit number.
Adventures in Aeronautics	ME	MA.4.A.3.b	Multiply three-digit numbers by two-digit numbers.
Adventures in Aeronautics	ME	MA.4.A.4.a	Add and subtract fractions with like denominators and use repeated addition to multiply a unit fraction by a whole number.
Adventures in Aeronautics	ME	MA.4.A.5.a	Compare, order, read, round, and interpret decimals with up to two decimal places.
Adventures in Aeronautics	ME	MA.4.A.5.b	Add and subtract decimals with up to two decimal places.
Adventures in Aeronautics	ME	MA.4.A.5.c	Multiply and divide decimals with up to two decimal places by a one- digit whole number.
Adventures in Aeronautics			
2007 Mathematics			
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Maine Mathematics			
Grade 5			
Activity/Lesson	State	Standards	
Adventures in Aeronautics	ME	MA.5.A.2	Students multiply and divide numbers up to four digits by numbers up to two digits, and by tens, hundreds, and thousands and interpret any remainders.
Adventures in Aeronautics	ME	MA.5.A.3	Students solve problems requiring multiple operations (addition, subtraction, multiplication, and division) and use the conventions of order of operations (no exponents expected).
Adventures in Aeronautics	ME	MA.5.A.1.c	Compare and order numbers up to 10 million.
Adventures in Aeronautics	ME	MA.5.A.4.a	Add and subtract fractions with unlike denominators.
Adventures in Aeronautics	ME	MA.5.A.4.b	Multiply a fraction by a whole number.
Adventures in Aeronautics	ME	MA.5.A.5.a	Compare, order, read, round, and interpret decimals with up to three decimal places.
Adventures in Aeronautics	ME	MA.5.A.5.b	Add and subtract decimals with up to three decimal places.
Adventures in Aeronautics	ME	MA.5.A.5.c	Multiply and divide decimals with up to three decimal places by a two-digit whole number.
Adventures in Aeronautics	ME	MA.5.A.6.b	Compare and order positive and negative integers.
Adventures in Aeronautics	ME	MA.5.B.1.a	Select and use appropriate tools and units (mass in grams, weight in pounds) for these measures.
Adventures in Aeronautics	ME	MA.5.C.4.b	Determine horizontal and vertical distance on the coordinate plane.